

NASA 2003 STRATEGIC PLAN

OBJECTIVE 3.3:

Enhance the Nation's economic strength and quality of life by facilitating the innovative use of NASA technology.

Scientists and engineers from the *Solidification Design Center* at Auburn University successfully cast an initial magnesium alloy component using the V-process vacuum molding technology under development at the center.

This success is the first known use of magnesium alloy with the V-process and represents a major step forward in developing very lightweight magnesium components for aerospace and automotive structural applications.